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GELLYGAER

URBAN DISTRICT COUNCIL



# REPORT

OF THE

Medical Officer of Health

For the Year 1938.



BARCOST

Wm. F. A. Da Silva, Printer

1939



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URBAN DISTRICT COUNCIL



REPORT

OF THE

Medical Officer of Health

For the Year 1938.



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W. F. A. Davies, Printer.  
1939.



# Urban District of Gellygaer, GLAMORGANSHIRE.

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*To the Chairman and Members of the*  
URBAN DISTRICT COUNCIL, GELLYGAER.

LADIES AND GENTLEMEN,

I have much pleasure in presenting my report for the year 1938, in accordance with the instructions of the Ministry of Health.

There has been no change in the staff of the Sanitary Department.

In the Maternity and Child Welfare Department, the work is increasing, particularly the clerical work which the Nurses have to carry out. One nurse has been off sick for some time.

Owing to the A.R.P., extra work has naturally been taken on by this Department.

I have again to thank the Council for many acts of courtesy and support during the year, and to my staff, particularly Chief Inspector Brown, for valuable help in the compilation of this report and in many other ways throughout the year.

I beg to remain, Ladies and Gentlemen,

Your obedient Servant,

*(Signed)* **J. H. RANKIN,**

*Medical Officer of Health.*

PUBLIC HEALTH DEPARTMENT,

“AELYBRYN,”

HENGOED, GLAM.

# Gellygaer Urban District Council, 1938.

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## *Chairman :*

Councillor W. J. KEDWARD, J.P.

## *Vice-Chairman :*

Councillor W. A. HANCOCK, J.P.

## **Members.**

### *Wards.*

Pontlotty	.....	Councillor Mrs. MARGARET PERRETT Councillor DAVID WILLIAMS. Councillor W. A. HANCOCK, J.P.
Tirphil	.....	Councillor RICHARD WILLIAMS. Councillor GEORGE GODFREY. Councillor W. H. LEE.
Fochriw	.....	Councillor W. R. JOHN. Councillor IORWERTH HOPKINS. Councillor SAMUEL LEWIS.
Bedlinog	.....	Councillor H. J. BOLWELL. Councillor L. T. EDWARDS. Councillor SAMUEL WILLIAMS.
Bargoed	.....	Councillor Mrs. M. M. WILLIAMS. Councillor WILLIAM WALTERS. Councillor JOHN DAVIES. Councillor STANLEY BALDWIN. Councillor W. H. BURGESS. Councillor W. J. KEDWARD, J.P. Councillor D. J. A. JONES.

Hengood ..... Alderman THOMAS EVANS, J.P.  
 Councillor FRANK LOVEDAY.  
 Councillor EDGAR PHILLIPS.  
 Councillor HENRY JONES.  
 Councillor W. M. RHODES.  
 Councillor I. G. JONES.

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**Public Health Committee.**

**Hospital Committee.**

**Maternity and Child Welfare Committee.**

Councillor GEORGE GODFREY  
*(Chairman, Public Health Committee).*

Councillor Mrs. M. M. WILLIAMS  
*(Chairman, Hospital Committee).*

Councillor Mrs. MARGARET PERRETT  
*(Chairman, Maternity and Child Welfare Committee).*

Councillor STANLEY BALDWIN.

„ H. J. BOLWELL.  
 „ L. T. EDWARDS.  
 „ W. A. HANCOCK, J.P.  
 „ HENRY JONES.  
 „ W. R. JOHN.  
 „ W. J. KEDWARD, J.P.  
 „ W. H. LEE.  
 „ SAMUEL LEWIS.  
 „ EDGAR PHILLIPS.  
 „ W. M. RHODES.  
 „ WILLIAM WALTERS.  
 „ DAVID WILLIAMS.

*Co-opted Members on Maternity and Child Welfare  
Committee :*

Mrs. BEVAN.  
Mrs. BOWEN.  
Mrs. PHILLIPS.  
Mrs. WILLIAMS.  
Mrs. RICHARDS.  
Mrs. OWEN.  
Mrs. DAVIES.  
Mrs. JONES.

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**PUBLIC HEALTH OFFICERS.**

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*Medical Officer of Health :*

J. H. RANKIN, M.B., M.S., D.P.H. (Cantab.), etc.  
The Medical Officer of Health is approved under the Mental  
Treatment Act, 1930.

The Medical Officer of Health is the Officer appointed  
under the Children's Act, 1906, and the Children and  
Young Persons Act, 1932.

*Senior Sanitary Inspectors :*

Mr. H. J. BROWN, C.R.S.I.,  
and Special Certificate of the Royal Sanitary Institute  
in Inspection of Meat and other Foods.

*District Sanitary Inspectors :*

No. III. District.  
Hengoed (Part) and Bedlinog Wards.  
Mr. URIAS ROWLANDS, C.R.S.I.,  
and Special Certificate of the Royal Sanitary Institute  
in Inspection of Meat and other Foods.



No. I. District.

Pontlottyn ,Tirphil and Fochriw Wards.

Mr. E. J. RICHARDS, C.R.S.I.,  
and Special Certificate of the Royal Sanitary Institute  
in Inspection of Meat and other Foods.

The Inspectors are also appointed Shops Inspectors under  
the Provisions of the Shops Acts, 1912, etc.

*Secretary and Chief Clerk :*

Miss MARY CURNUCK.

*Clerk and Typist :*

Mr. DOUGLAS VALLIS.

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### **GELLYGAER HOSPITAL.**

*Physician :*

THE MEDICAL OFFICER OF HEALTH.

*Matron :*

Miss E. A. GRAVENOR,  
*State Registered Nurse ;*  
*Registered Fever Nurse ;*  
*Certified Midwife ;*  
*Housekeeping Certificate.*

*Sister Tutor and Deputy Matron :*

Vacant.

## MATERNITY AND CHILD WELFARE ADMINISTRATION.

*Physician Superintendent :*

THE MEDICAL OFFICER OF HEALTH.

*Physician in charge of Birth Control and Ante-Natal Clinics  
(part-time) :*

DILYS STEPHENS, M.B., B.Ch., D.P.H., M.R.C.S., L.R.C.P.  
(January and February).

L. M. C. CLOPET, M.B., B.Ch., M.R.C.S., L.R.C.P.

*Consulting Obstetric Physician :*

G. I. STRACHAN, M.D., M.B., Ch.B., F.R.C.P., F.R.C.S.,  
F.C.O.G.

*Health Visitors :*

Mrs. JANET CLARA LEWIS,  
*Diploma in Health and School Nursing  
(Sanitary College, London) ;  
State Registered Nurse, C.M.B.*

Miss MARY MORGAN,  
*Certificate of the Royal Sanitary Institute ;  
State Registered Nurse, C.M.B.*

Miss ANNIE THOMAS,  
*Certificate of the Royal Sanitary Institute  
State Registered Nurse, C.M.B.*

*Officer under the Children and Young Persons Act, 1932 :*  
THE MEDICAL OFFICER OF HEALTH.

*Visitor :*

Mrs. JANET CLARA LEWIS.

**Contributions in respect of Salary** are made in the case of the Medical Officer of Health, the Sanitary Inspectors, the Infant Welfare Staff, and the Hospital Nursing Staff.

The last ascertained Annual Contributions of Subsidy in respect of the various Services are as follows :—

<i>Services.</i>	<i>Period of one Year ended.</i>	<i>Amount.</i>	
			£ s. d.
Salaries of Medical Officer and Sanitary Inspectors	..... 31st March, 1938	.....	699 9 0
Hospital Equipment Expenses	..... do.	.....	1345 1 6
Maternity and Child Welfare	..... do.	.....	1540 0 0

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in Acres) .....	16,772
Population (R.G. for Statistics) .....	36,660
Number of Inhabited Houses (1938) .....	8,914
Rateable Value .....	£130,552
Sum represented by a Penny Rate .....	£471

### Social Conditions.

The chief and only industry of this district, which is nominated a distressed one, is coal. During the year conditions have slowly improved, but there is still a large number of unemployed and unemployable.

A large number, especially of the younger adults of both sexes, have emigrated out of the district and obtained employment elsewhere. It seems a pity that such should be the case, and also that some new industry could not be started in this district.

The Council and other Bodies have provided a number of open spaces for recreation in the district, and the Council have constructed an Open-Air Swimming Bath in Bargoed.

## EXTRACTS FROM THE VITAL STATISTICS FOR THE YEAR.

Birth and Death Rate per 1,000 population.

Live Births :—	Total.	M.	F.	Rate.
Legitimate .....	666 .....	372 .....	294 .....	} 18.68
Illegitimate .....	19 .....	9 .....	10 .....	
Still-Births .....	40 .....	19 .....	21 .....	1.09
Deaths .....	447 .....	256 .....	191 .....	12.19

### *Deaths from Puerperal Causes :*

			Rate per 1,000 total births.
Puerperal Sepsis .....	1 .....		1.38
Other Puerperal Causes .....	3 .....		4.13
			<hr/>
Total .....	4 .....		5.51

## INFANTILE MORTALITY.

Death-rate of Infants under 1 year of age :—

All Infants, per 1,000 live births ..... 55.41

Legitimate Infants, per 1,000 legitimate live  
births ..... 57.07

Illegitimate Infants, per 1,000 illegitimate  
live births ..... Nil.

	M.	F.
Deaths from Cancer (all ages) .....	24 .....	23
Deaths from Measles (all ages) .....	— .....	—
Deaths from Whooping Cough (all ages) .....	2 .....	1
Deaths from Diarrhoea (under 2 years of age) .....	2 .....	2

## **GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.**

The general sickness rate throughout the year has not been high. Infectious Diseases notified numbered 257.

The general condition of the children, especially those attending the Clinics, appears to be much improved to what it was formerly.

### **Laboratory Facilities.**

Carried out at the Cardiff and County Public Health Laboratory.

### **Ambulance Facilities.**

The Council possess two efficient Ambulances, one used exclusively for Infectious Disease and the other used for the transport of accidents, sudden illnesses and complicated labour cases.

### **Nursing in the Home.**

(a) *General*.—A number of Queen's Institute Nurses are now working in the district, and have proved of great benefit to the sick in their homes. These nurses are now employed in the following areas :—

Bargoed and District	.....	Miss Evans, 14 Ruth St., Bargoed. Miss E. Williams, 22 Groesfaen Houses, Bargoed.
Bedlinog	.....	Miss M. V. Jones, 3 Muriel Terrace, Bedlinog.
Ystrad Mynach	.....	Miss Lloyd, "Ardwyn," Bedw- lwyn Rd., Ystrad Mynach.

GENERAL PROVISIONS OF HEALTH SERVICES—  
*Continued.*

Pontlottyn	.....	Miss E. Field, "Brynamlwg," Southend, Pontlottyn.
Tirphil and District	.....	Miss K. Johns, Fire Station, Station Terrace, Tirphil.

(b) *Infectious Disease*.—There are no provisions for private nursing. All cases are removed to Hospital.

**Hospitals and Clinics.**

(a) (1) *The Isolation Hospital*, which has accommodation for 62 beds, is mainly reserved for cases of Diphtheria, Scarlet Fever and Enteric Fever. In addition, cases of Encephalitis Lethargica, Ophthalmia Neonatorum, Puerperal Fever, etc., can be accommodated. The Cubicle Block is proving most useful.

The appointment of a Sister to act as Deputy Matron is, in my opinion, urgently necessary.

(2) *The Small Pox Hospital*.—This Hospital, capable of accommodating 36 patients, consists of three temporary huts, and is situated on the Gellygaer Mountain. This is used at times for convalescent Scarlet Fever cases.

(b) (1) *Tuberculosis*.—All cases and Hospital accommodation are under the control of the Welsh National Memorial. It is a pity more provisions in Institutions is not available.

(2) *Maternity*.—At present, cases of abnormal labour may be admitted to the Merthyr Infirmary, Cardiff Royal Infirmary, or Llwynypia Hospital.



## GENERAL PROVISION OF HEALTH SERVICES— *Continued.*

(3) *Children.*—There is no Hospital for Children, they are admitted usually into the local Cottage Hospitals; or the large general ones.

(4) *Orthopaedic.*—Provision is made for Orthopaedic treatment for children under five years in conjunction with the Orthopaedic Clinics of the Glamorgan County Council.

(5) *Other.*—There are no other Hospitals in the District. No institutional provision is available for unmarried mothers, illegitimate infants, homeless children, except in the Merthyr Poor Law Infirmary.

Clinics for Mental Disorders and Venereal Diseases are held at Pontypridd.

### **Maternity and Nursing Homes.**

Nil.

### **Maternal Mortality.**

Enquiries are made and disinfection, etc., if necessary, is carried out in all these cases.

### **Midwives.**

There are 20 qualified Midwives practising in the district, including those under the County Scheme.

### **Children's Act, 1908.**

Under the Medical Officer of Health.

Nurse J. C. Lewis, the Senior Health Visitor, is the Visitor.



## MATERNITY AND CHILD WELFARE.

I have much pleasure in presenting to you my Annual Report of the Maternity and Child Welfare Department for the year ending 31st December, 1938.

There are now eleven Maternity and Child Welfare Clinics, four Ante Natal Clinics and one Mothers' Clinic, and in addition a Toddlers' Clinic held at Bargoed once a month.

These Clinics are all working satisfactorily and doing excellent service.

I offer my grateful thanks to the following ladies, who have given valuable assistance as Voluntary Helpers :—

### Bargoed Clinic—

Mrs. Williams, 11, Maesygraig Street, Gilfach.

### Cefn Hengoed Clinic—

Miss Owen, The Cottage, Hengoed Road,  
Penpedairheol.

### Pontlottyn Clinic—

Mrs. Bevan, Bethel House, Picton St., Pontlottyn.

### Ystrad Mynach Clinic—

Mrs. Williams, 4, Acacia Avenue, Hengoed.  
Mrs. Evans, 39, Beech Drive, Hengoed.

### Gellygaer Clinic—

Miss Owen, The Cottage, Hengoed Road,  
Penpedairheol.

### Bedlinog Clinic—

Mrs. Davies, 18, Bedw Road, Bedlinog.

The individual Clinics are held on the following days and at the times specified :—

# CLINICS.—MATERNITY AND CHILD WELFARE, Etc.

<i>Name of Clinic.</i>	<i>Sessions are held.</i>	<i>Day.</i>	<i>Times of Meeting.</i>
Bargoed Welfare Clinic	..... Weekly	..... Monday	..... 10-0 a.m. to 12-30 p.m. and 2 to 3-30 p.m.
Cefn Hengoed Welfare Clinic	..... Weekly	..... Monday	..... 10-0 a.m. to 1-0 p.m.
Tirphil Welfare Clinic	..... Fortnightly	..... Monday	..... 9-30 a.m. to 12-30 p.m.
Pontlottyn Welfare Clinic	..... Weekly	..... Tuesday	..... 9-0 a.m. to 12-0 noon.
Ystrad Mynach Welfare Clinic	..... Weekly	..... Tuesday	..... 2-0 p.m. to 4-30 p.m.
Pengam Welfare Clinic	..... Weekly	..... Wednesday	..... 10-0 a.m. to 12-0 noon.
Gellygaer Welfare Clinic	..... Weekly	..... Wednesday	..... 2-0 p.m. to 4 p.m.
Bedlinog Welfare Clinic	..... Weekly	..... Wednesday	..... 9-30 a.m. to 12-0 noon.
Trelewis Welfare Clinic	..... Fortnightly	..... Wednesday	..... 10-15 a.m. to 12-30 p.m.
Deri Welfare Clinic	..... Weekly	..... Thursday	..... 10-0 a.m. to 12-0 noon.
Fochriw Welfare Clinic	..... Weekly	..... Thursday	..... 9-30 a.m. to 12-30 p.m.
Ante Natal Clinic, Bargoed	..... 1st and 3rd Tuesday in each Calendar Month	.....	..... 10-0 a.m. to 12-0 noon. and 2-0 p.m. to 4-0 p.m.
Ante-Natal Clinic, Ystrad Mynach	3rd Thursday in each Calendar Month	.....	..... 2-0 p.m. to 4-0 p.m.
Ante-Natal Clinic, Pontlottyn	..... 4th Tuesday in each Calendar Month	.....	..... 2-0 p.m. to 4-0 p.m.
Ante Natal Clinic, Trelewis	..... 2nd Wednesday in each Calendar Month	.....	..... 2-0 p.m. to 4-0 p.m.
Birth Control Clinic, Bargoed	..... 4th Tuesday in each Calendar Month	.....	..... 10-0 a.m. to 12-0 noon.

All the above Clinics are provided by the Gellygaer Urban District Council.

Of the 11 Maternity and Child Welfare Clinics :—

(1) Bargoed Clinic is the Central and largest attended.  
This has been an excellent year at the Clinic.

(2) Cefn Hengoed Clinic :—  
This Clinic is progressing favourably.

(3) Pontlloftyn Clinic :—  
An excellent Clinic and doing good work.

(4) Ystrad Mynach Clinic :—  
The attendances are good and increasing.

(5) Bedlinog Clinic :—  
Attendance is good and regular. Owing to the industrial trouble more work is thrown on the Clinic year by year.

(6) Trelewis Clinic :—  
The attendance is still increasing.

(7) Pengam Clinic :—  
The rooms are overcrowded and quite unsuitable.  
New premises are urgently needed.

(8) Tirphil Clinic :—  
A good Clinic doing good work.

(9) Deri Clinic :—  
A well-attended and useful Clinic.

(10) Fochriw Clinic —  
The attendance is much increased.

(11) Gellygaer Clinic :—  
A Clinic which has a large attendance and is doing remarkably good work.

Again we are much obliged for help received in Ante-Natal cases of extra nourishment during the year from the Joint Council of Midwifery, per Lady Rhys Williams.

The new Ante-Natal Clinic at Trelewis was opened in March and is doing very good work.

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### **Orthopaedics.**

Cases are now referred to the County Clinic at Caerphilly by arrangements with the County Medical Officer of Health.

The following is a list of children who attended the Orthopaedic Clinic during the year :—

Brenda Llewellyn, " Ifor House," Hillside Park, Bargoed.  
 Graham Nash, 22, Central Street, Ystrad Mynach.  
 Jas. Henry Lewington, 12, Heolddu Avenue, Bargoed.  
 Kenneth Hurst, 106, Park Pace, Gilfach.  
 Ann Parry, 29, Aelybryn, Fochriw.  
 Joseph Leeson, 18, Woodfield Terrace, Tiryberth.  
 Brian Bennett, 2, School Street, Brithdir.  
 Baby Morgan, 7, Stoney House, Penybank.  
 Maureen Norman, 38, Bryncoed, Cascade.  
 Doreen Norman, 38, Bryncoed, Cascade.  
 Dilys Rees, 29, Greys Crescent, Tiryberth.  
 Ray Powell, 5, Farm Road, Pontlottyn.  
 Mair Williams, 19, School Street, Deri.  
 Thomas John Bailey, 5, Carno Bute, Nr. Dowlais Top.  
 Ronald Jones, 13, Thomas Street, Gilfach.  
 Shirley Morgan, 5, William Street, Gilfach.  
 James Evans, 14, Queen Street, Pontlottyn.  
 Robert Forbes, 7, Heolddu Drive, Bargoed.  
 Malcolm Lloyd, 4, Hill Road, Pontlottyn.  
 Gerald Price, 13, Oakland Street, Bedlinog.

Myfanwy Jones, 17, Edwards Terrace, Bedlinog.  
 Leslie James, 40, Griffiths Street, Ystrad Mynach.  
 Brian Roberts, 61, New Road, Deri.  
 Joan Lewis, 8, Llewellyn Street, Gilfach.

### **Eye, Dental, Ear, Nose and Throat Treatment.**

The Council has arrangements with the Glamorgan County Council to undertake these special services.

### **Ophthalmia Neonatorum.**

During 1938, four cases have been notified to this Department.

Dr. Dilys Stephens, followed by Dr. L. M. C. Clopet, attended to the Ante-Natal, Birth Control and Mothers' Clinics. The Ante-Natal Clinics have all shown a considerable increase in numbers during the year, and to the great benefit of the patients attending.

#### **Ante-Natal Clinics :—**

New cases seen	.....	443
Old cases seen	.....	665
		<hr/>
		1,108

#### **Birth Control Clinic :—**

New cases seen	.....	20
Old cases seen	.....	18
		<hr/>
		38

#### **Gynaecological (Mothers' Clinic) :—**

New cases seen	.....	9
Old cases seen	.....	23
		<hr/>
		32

TABLE I.

<i>Name of Clinic.</i>	<i>New Patients seen.</i>	<i>Old Patients seen.</i>	<i>Total Patients seen.</i>	<i>Attend- ance at Clinics.</i>
Bargoed	154	219	373	1,984
Hengoed	63	28	91	768
Tirphil	47	99	146	740
Pontlottyn	92	116	208	1,123
Ystrad Mynach	75	36	111	3,640
Pengam	79	116	195	1,782
Gellygaer	63	44	107	1,759
Bedlinog	32	82	114	1,406
Trelewis	27	48	75	1,978
Fochriw	50	60	110	1,175
Deri	20	48	68	525
	702	896	1,598	16,880

TABLE II.

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 RETURN FOR THE YEAR 1938.
 

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## First Visits to Expectant Mothers

Nurse Thomas	.....	.....	.....	121	
Nurse Lewis	.....	.....	.....	—	
Nurse Morgan	.....	.....	.....	65	
				—	186

## Total Visits to Expectant Mothers —

Nurse Thomas	.....	.....	.....	245	
Nurse Lewis	.....	.....	.....	—	
Nurse Morgan	.....	.....	.....	209	
				—	454

## First Visits to Infants under one year :—

Nurse Thomas	.....	.....	.....	191	
Nurse Lewis	.....	.....	.....	285	
Nurse Morgan	.....	.....	.....	212	
				—	688

## Total Visits to Infants under one year :—

Nurse Thomas	.....	.....	.....	956	
Nurse Lewis	.....	.....	.....	1,188	
Nurse Morgan	.....	.....	.....	812	
				—	2,956

## Total Visits to Infants under five years :—

Nurse Thomas	.....	.....	.....	836	
Nurse Lewis	.....	.....	.....	399	
Nurse Morgan	.....	.....	.....	212	
				—	1,447



**Report on the Ante-Natal Clinics of Trelewis, Pontlottyn,  
Ystrad Mynach, Bargoed, and on the Birth Control Clinic,  
Bargoed, for the Year 1938.**

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**TRELEWIS.**

**Total number of attendances**—March (when it was opened) to December, 1938 :—

Primiparae	.....	21
Multiparae	.....	30—Total, 51

Number of those **attending the Clinic for the first time** :—

Primiparae	.....	7
Multiparae	.....	15
Not pregnant	.....	2—Total, 24

**Number of Infants born** 9

**Maternal Mortality** ..... **Nil.**

The number of attendances at this clinic is steadily increasing, there being a greater number at each succeeding clinic.

The women attending the clinic are given the following routine medicaments :—Tablets Caldeferrum (Glaxo product) for last three months, or Adexolin and Tablets Ferrous Sulphate.

During the last three weeks of pregnancy they receive this mixture :—

R. Quinine Sulphate, Gr.  $1\frac{1}{4}$ .  
Acid Nitrohydrochlor dil, 3 mins.  
Syrup Aurantii,  $\frac{1}{2}$  dr. ....  
Aqua ad, 3 drs.

2 teaspoonsful to be taken three times a day after meals.



**YSTRAD MYNACH.****Total number of attendances :—**

Primiparae	.....	.....	39
Multiparae	.....	.....	139—Total, 178

Of these, **number of attendances for first time** are :—

Primiparae	.....	.....	28
Multiparae	.....	.....	72—Total, 100

**Total number of Infants born** 84 alive.

**Total number of Infants stillborn** 7

Cases referred to Professor Strachan 1

Cases confined in Glossop Terrace 3

Total number of **albuminuria**—

Slight	.....	.....	8
Severe	.....	.....	1—Total, 9

Maternal Mortality—**One** primiparae—Primary cause—Pneumonia, after difficult confinement and post partum haemorrhage. I believe she died some weeks after being confined.

The attendance remains practically constant.

The women are given—Tablets caldeferrum and the mixture three weeks before confinement :—

R. Quinine Sulphate, Gr.  $1\frac{1}{4}$ .  
 Acid Nitrohydrochlor dil, 3 mins.  
 Syrup Aurantii,  $\frac{1}{2}$  dr.  
 Aqua ad, 3 drs.

2 teaspoonsful to be taken three times a day after meals.

**PONTLOTTYN.****Total number of attendances :—**

Primiparae	.....	.....	43
Multiparae	.....	.....	171—Total, 214

Of these, **number of those attending the clinic for the first time :—**

Primiparae	.....	.....	21
Multiparae	.....	.....	78—Total, 99

**Total number of Infants born :—**

Male	.....	.....	44
Female	.....	.....	29

Total 73 live births.

Stillbirths	.....	.....	9
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Cases referred to Dr. Strachan	.....	.....	2
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Number of cases confined in	.....	.....	
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Glossop Terrace	.....	.....	1
-----------------	-------	-------	---

Number of cases confined in	.....	.....	
-----------------------------	-------	-------	--

Cardiff Royal Infirmary	.....	.....	1
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Number of cases of albuminuria	.....	.....	1
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<b>Maternal Mortality</b>	.....	.....	<b>Nil.</b>
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As the number of stillbirths seemed high, I looked up my notes on them and found the following state of affairs :—

**Five** were multiparae ; ages were 37, 39, 32, 33, 37, *i.e.*, average age, 36 years.

**Four** were primiparae ; ages were 18, 22, 23, 30.

In detail :—**Multiparae**—No. I. had had one miscarriage, one instrumental delivery, two face presentations. She was due to be confined in September and paid only one visit to the clinic in July. She was 37 years of age and had an eye removed for tumour two and a half years earlier.

No. II. had had eight pregnancies, four live children, then two prematures, then two miscarriages, *i.e.*, **last four pregnancies were abortive.**

No. III. had had six children in all—two previous Stillbirths amongst them. She was due to be confined in **May** and paid her last visit in **March**. Cloudy urine.

No. IV. paid one visit in July and brought no specimen of urine.

No. V., last visit in September, and confined in November—An **encephalic**.

No. VI., woman of poor physique—Spina bifida and breech.

No. VII., Trace of albumen. **Premature**—seven months.

No. VIII. (Primip.), last visit, 26/4/38—**Decapitation** on 31/5/38, due on 15/5/38. Reason for decapitation unknown. Overlarge, overdue baby.

No. IX. (Primip.) Last visit, 25/4/38—**Breech**, delivered on 24/6/38.

These notes account for the incidence of stillbirths, and it will be seen that most of them were unavoidable (monsters) and in the remaining cases there was no attendance at the clinic.

These women were given routine medicaments of—Tablets Caldeferrum, for last three months, or Adexolin and tablets ferrous sulphate; and during last three weeks of pregnancy, this mixture:—

R. Quinine Sulphate, Gr.  $1\frac{1}{4}$ .  
 Acid Nitrohydrochlor dil, 3 mins.  
 Syrup Aurantii,  $\frac{1}{2}$  dr.  
 Aqua ad, 3 drs.

2 teaspoonsful to be taken three times a day after meals.

The attendance at the clinic remains consistently high.

**BARGOED.****Number of attendances :—**

Primiparae	.....	53
Multiparae	.....	152—Total, 205
Number of First Visits		220
Number of re-visits	.....	445—Total, 665

**Number of Infants born :—**

Living Females	.....	102
Living Males	.....	123—Total, 225
Stillbirths	.....	4
Macerated	.....	1

**Albuminuria :—**

Slight	.....	29
Severe	.....	20—Total, 49

Of these it is to be noted that there were **two stillbirths and one macerated** ; otherwise three live births. There were **two sets of twins** amongst these births and one showed pronounced albuminuria and the other slight albuminuria. The infants and mothers all progressed uneventfully.

**Two cases were sent to Glossop Terrace.**

1. One was a transverse presentation (albuminuria case).

2. Deformed woman with a previous history of ulceration and leucorrhoeal discharge—forceps case.

**Maternal Mortality—Nil.**

There were routine medicaments with Tablets Calde-ferrum from three months before term onwards, and during the three weeks preceding the expected date of confinement, the giving of the mixture :—

R. Quinine Sulphate, Gr.  $1\frac{1}{4}$ .  
 Acid Nitrohydrochlor dil, 3 mins.  
 Syrup Aurantii,  $\frac{1}{2}$  dr.  
 Aqua ad, 3 drs.

2 teaspoonsful to be taken three times a day after meals.

### Report on Birth Control and Gynaecological Clinic— Bargoed.

Birth Control—Number of first attendances	20
Number of renewed visits.....	18
	—
Total	38
Gynaecology—Number of first attendances .....	9
Number of re-visits .....	23
	—
Total .....	32

The attendance at the birth control clinic every month remains at about the same level. On a whole the advice and methods advocated are employed. The attendance at the gynaecology clinic tends slightly but steadily to increase.

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### OBSERVATIONS ARISING FROM REPORTS ON CLINICS FOR 1938.

1.—There seems to be a general feeling that the **quinine mixture** is of advantage in that it shortens the second stage of labour. The midwives are reminding their expectant mothers to ask for this mixture.

2.—I feel that where the mixture is actually taken, there is improved resistance to puerperal disease. The **maternal mortality** of **one** (this a case of pneumonia) for the four clinics seems to indicate a definite response to ante-natal measures and advice on health generally.

3.—The **Still-births**, when enquired into, yield valuable information. In only one instance, an unmarried primiparae did there seem to be an accidental as opposed to a possibly unpreventable death of the infant. Here again it would seem that ante-natal measures, etc. must account for some of the favourable results.

4.—**Albuminurias.**—Seem to have caused very little damage. Some cleared up readily. In a few instances which persisted one suspected that the protein-restricted diet rules were not being observed. On the other hand in most of the instances of Still-birth, there was albuminuria. No cases of eclampsia occurred.

5. **Hearts.**—A large number of women were found to have transient cardiac murmurs of varying severity, Several cases of heart disease were found to exist, some unsuspected. Except in one instance there was the usual history of Scarlet Fever or Rheumatic Fever. In the one instance, there was no previous history of infection.

6. **Thyroids.**—In a large proportion of cases, diffused general enlargements of the thyroid was noted. It had not been noticed by the expectant mother, and one could not tell if it was transient or a development of a pre-existing condition.

7. **Slight cough** is fairly common during pregnancy.

8. **Heartburn** is the most common complaint. An enquiry into the diet, habits and bowel action of these sufferers usually shows marked and preventable indiscretions.

9. There is to be noted from the point of view of interest the preponderance of **Male** births over **Female** births. An interesting fact is the preponderance of female still-births over male, thus maintaining the preponderance in numbers of male over female births. In one instance (Bargoed), out of eight consecutive Still-births (1938 and part of 1939) I found that the **female** Still-births were **five** and the **male** Still-births were **three**.

10. As a result of attendance at the clinics there is maintained, and sometimes started, a better level of hygiene (personal) and health.



### **Improving the Ante-Natal Service.**

The Council now have four Ante-Natal Clinics—Bargoed, held four times a month; and Pontlottyn and Ystrad Mynach, and in addition, a new Ante-Natal Clinic was opened in Trelewis in March, each held once a month. These Clinics are doing excellent work and the condition of the prospective mothers has improved with the necessary nourishment provided.

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### **Facilities for Adequate Isolation and separate Nursing of Cases of Puerperal Sepsis.**

Serious cases of puerperal sepsis are sent, usually by the private practitioner, to the Gellygaer Hospital if room is available, to the Cardiff Royal Infirmary or Merthyr Infirmary.

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### **SANITARY CIRCUMSTANCES OF THE AREA.**

**Water.**—The District is supplied by the Rhymney Valley Water Board, and the regular analysis taken in the district shows a uniformly good result.

**Drainage and Sewerage.**—A number of individual houses are being connected to the new Sewers completed in 1929, but this should be speeded up.

**Rivers and Streams.**—No definite action was taken to check the pollution of rivers and streams in the area. The control of the rivers and streams is in the hands of the Glamorgan County Council.

**Closet Accommodation.**—See Sanitary Inspector's Report,

**Scavenging.**—The collection of refuse in the district is mainly in the hands of the Authority, and is much improved. I hope that the whole of the area will be thus collected.

**Smoke Abatement.**—No action was necessary during the year for the abatement of nuisances from smoke in the Area.

**Bugs.**—A number of infested premises have been disinfested during the year, under the supervision of this Department, and advice given and materials supplied for disinfestation in other cases.

### **Eradication of Bed Bugs. Disinfestation.**

1. Number of Houses found to be infested :—

(a) Council Houses	.....	.....	.....	3
(b) Other Houses	.....	.....	.....	6

Number of Houses disinfested :—

(a) Council Houses	.....	.....	.....	3
(b) Other Houses	.....	.....	.....	6

2. Methods employed for freeing infested houses from bed bugs :—

Fumigation by Sulphur Dioxide.  
Liquid Insecticide Spray.

3. The methods employed for ensuring that the belongings of the tenants are free from vermin before removal to Council Houses :—

Nothing of this has been carried out throughout the year. There are no slum clearance areas.



4. Whether the work of disinfection is carried out by the Local Authority or a Contractor :—

At Council Houses. The Local Authority.

At other Houses. The Owner or Occupier.

5. The measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing :—

Advice is given by the Inspectors in all cases.

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### **SCHOOLS.**

All the Schools in the District have been inspected throughout the year and are in good sanitary condition. All are under the supervision of the Glamorgan Education Authority.

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### **RAG FLOCK ACTS, 1911—1928.**

There is no Rag Flock manufactured, used or sold in the District.

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### **INSPECTION AND SUPERVISION OF FOODS.**

#### **Milk and Meat Supervision.**

See Sanitary Inspector's Report.

#### **Chemical and Bacteriological Examination of Food.**

The Chemical and Bacteriological Examination of Foods is undertaken by the Cardiff and County Public Health Laboratory.

## PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The Notifications of Diphtheria and Scarlet Fever were somewhat higher than in 1937. They were, however, of a mild type.

Anti-toxin is used in all cases and preventive inoculation offered.

Eight cases of Pneumonia were notified.

School Intimations are sent in all cases of Notified Infectious Disease.

Immunisation has been done, on request, in about 30 cases.

No vaccinations have been performed by the Medical Officer of Health during the year.

**Cancer.**—47 deaths occurred during the year.

**Tuberculosis.**—All rooms, clothing, etc., are disinfected after death.

## NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1938.

			<i>Total Cases Notified.</i>	<i>Cases Admitted to Hospital.</i>	<i>Total Deaths.</i>
Scarlet Fever	.....	.....	120	120	1
Diphtheria	.....	.....	101	101	6
Pneumonia	.....	.....	8	—	—
Erysipelas	.....	.....	14	2	—
Puerperal Pyrexia	.....	.....	6	1	—
Ophthalmia Neonatorum	.....	.....	4	2	—
Cerebro Spinal Fever	.....	.....	4	4	1

NOTIFICATION OF INFECTIOUS DISEASES.—WARD DISTRIBUTION.

	Scar- let Fever.	Diph- theria.	Pneu- monia.	Erys- ipelas.	Puer- peral Pyrexia.	Cerebro- Spinal Fever.	Opthal- mia Neon- atorum.	Total.
Pontlottyn	2	6	—	2	1	—	—	11
Fochriw	14	2	—	1	—	1	—	18
Tirphil	12	3	2	2	—	—	2	21
Bedlinog	17	16	—	1	—	—	—	34
Bargoed	37	18	4	5	3	—	2	69
Hengoed	38	56	2	3	2	3	—	104
	120	101	8	14	6	4	4	257

# **NOTIFICATION OF INFECTIOUS DISEASES.—AGES DISTRIBUTION.**

Disease.	All ages.	Under 1 year	1-2.	2-3.	3-4.	4-5.	5-10.	10-15.	15-20.	20-35.	35-45.	45-65.	Over 65.	Total.
Scarlet Fever	120	—	2	5	18	16	42	25	4	8	—	—	—	120
Diphtheria .....	101	2	—	3	3	10	34	26	7	13	2	1	—	101
Pneumonia	8	—	2	1	2	—	1	—	—	—	—	2	—	8
Erysipelas .....	14	—	—	—	—	—	—	—	—	4	2	6	2	14
Puerperal														
Pyrexia .....	6	—	—	—	—	—	—	—	—	5	1	—	—	6
Cerebro-														
Spinal Fever	4	1	1	—	1	—	—	—	1	—	—	—	—	4
Ophthalmia														
Neonatorum	4	4	—	—	—	—	—	—	—	—	—	—	—	4
	257	7	5	9	24	26	77	51	12	30	5	9	2	257

**HOSPITAL ADMISSIONS AND DEATHS, ARRANGED AS TO WARDS.**

	1934.				1935.				1936.				1937.				1938.			
	Scarlet Fever.		Diphtheria.		Scarlet Fever.		Diphtheria.		Scarlet Fever.		Diphtheria.		Scarlet Fever.		Diphtheria.		Scarlet Fever.		Diphtheria.	
	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.	Adm.	Dths.
Pontlottyn .....	20	—	52	2	6	—	24	—	4	—	8	1	4	—	7	—	2	—	6	—
Fochriw .....	27	—	25	3	12	—	12	—	4	—	3	—	18	—	7	—	14	—	2	—
Tirphil .....	49	1	51	3	9	—	23	2	8	—	12	2	11	—	2	—	12	—	3	—
Bedlinog .....	26	—	24	1	7	—	29	1	7	—	19	—	7	—	7	—	17	—	16	—
Bargoed .....	86	—	64	4	56	1	62	10	19	—	67	2	14	1	13	—	37	—	18	1
Hengoed .....	140	1	143	9	66	—	99	4	20	1	35	1	17	—	8	1	38	1	56	5
	348	2	359	22	156	1	249	17	62	1	144	6	71	1	44	1	120	1	101	6

**TUBERCULOSIS.**

Age Periods.	NEW CASES.				DEATHS.			
	Pul-monary.		Non-Pul-monary.		Pul-monary.		Non-Pul-monary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	...	...	...	...	...	...	...	...
1—5	...	...	1	1	1	...	1	.....
5—10	...	2	1	...	2	...	...	...
10—15	...	4	...	1	1	...	...	...
15—20	...	6	4	1	...	1	3	...
20—25	...	8	5	1	1	4	4	..
25—35	...	6	6	3	...	4	1	...
35—45	...	7	2	...	...	3	2	...
45—55	...	5	3	1	2	4	...	1
55—65	...	5	2	...	.....	2	2	1
65 and upwards	1	...	.....	...	...	...	1	...
	46	23	8	7	19	12	4	...

Total Number of Deaths from Tuberculosis ... 35

Number of Deaths of Notified Cases ... 30

Number of Deaths of Non-Notified Cases ... 5

Ratio of Non-Notified Cases to Total Deaths... 1.6

## OPHTHALMIA NEONATORUM.

CASES.			Vision Un- Impaired.	Vision Impaired.	Total Blindness.	Deaths.
Notified.	Treated.					
	At Home.	In Hospital.				
4	2	2	4	Nil.	Nil.	Nil.

# GELLYGAER HOSPITAL.

## ADMISSIONS AND DISCHARGES DURING THE YEAR 1938.

Disease.	No. of Patients. in Hospital 1st Jan. 1938.	No. of Patients admitted during Year.	No. of Patients Discharged during Year.	No. of Deaths.	No. of Patients in Hospital 31st Dec., 1938.
Scarlet Fever	21	120	134	1	6
Diphtheria	2	101	63	6	32
Erysipelas	—	2	2	—	—
Cerebro Spinal Fever	—	4	3	1	—



## SENIOR SANITARY INSPECTOR'S REPORT.

I beg to submit my Report upon the work of Sanitary Administration of the Area for the year 1938.

### Number of Inspections made.

As a result of Notifiable Infectious Disease .....	247
As a result of Complaints .....	87
Dairies, Cowsheds and Milkshops .....	254
Slaughterhouses .....	702
Lodging-Houses .....	64
Factories and Workshops (including Bakehouses, Sausage-making Establishments and Cafe Kitchens .....	273
Schools .....	94
Markets .....	92
Ordinary Inspections made (including Cinemas, Public Buildings, Meat Shops, Provision Shops and Offensive Trades) .....	823
Vans and Sheds .....	22
<hr/>	
Total number of Inspections made	2658
Number of Re-visits .....	600

### Number of Legal Prosecutions.

Under the Public Health Act, 1936, for abatement of Nuisances .....	1
Under the Public Health Act, 1875, for unsound food	6
Under the Meat Regulations, 1924 .....	—
Under the Shops Acts .....	2
Under the Gellygaer U.D.C. Act, 1935 .....	1

**The following is a Schedule of the work done by the District Inspectors and myself.**

Number of Informal Notices served (P.H. Act, 1936)	24
Number of Statutory Notices served (P.H. Act, 1936)	65
Number of Circular Notices served <i>re</i> Cleansing and Limewashing Registered Trades and Buildings.....	278

**Number of Nuisances dealt with under the Public Health Acts and Bye-laws as per details below.**

Back Yards cleansed	18
Back Yards paved or repaired	39
Damp Houses repaired	116
Dirty Houses cleansed	14
Defective Scullery Sinks put in order	24
Defective Water Closets put in order	54
Dilapidated Water Closets repaired	32
New Water Closets erected	7
Drains connected to Sewer	8
Drains repaired	47
Cesspools cleansed	1
Cesspools abolished	2
Fowls' Cots removed	4
Flushing Apparatus in Water Closets renewed	48
Foul Pans in Water Closets cleansed	10
Gully Traps repaired or renewed	23
Refuse Accumulation removed	12
Houses Repaired (Internal)	130
Pigs' Cots and Pigs' Food removed	1
Roofs repaired	115
Stopped Drains cleansed	32
Stopped Water Closets cleansed	17
Troughings and Downpipes repaired or renewed	92
Vent. Shafts to Drains repaired	15
Waste Water Pipes repaired	17

Water Pipes and Fittings repaired .....	20
Workshops cleansed .....	1
Workshops repaired .....	1
Houses Overcrowded .....	2
Verminous Houses .....	9
Pail Closets converted to Water Closets .....	6
Broken Pails in Closets renewed .....	15
Pail Closets repaired .....	2
Tents, Vans and Sheds removed .....	7
Animals kept as to be a nuisance .....	4
Miscellaneous .....	16
Houses without a sufficient water supply reported .....	3

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### **Closet Accommodation.**

There are still a number of Pail Closets remaining which could be converted and connected to the Council's Sewers.

The approximate numbers are :—

Pail Closets .....	138
Privies with fixed receptacles .....	75

The latter are in outlying parts of the Area.

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### **Milk and Dairies Order, 1926.**

Number of Persons Registered during the year as Milk Retailers .....	8
Number of Dairies erected .....	3
Number of Cowsheds reconditioned .....	5
Number of New Cowsheds erected .....	—

There are in the Area 95 Farms registered where milk is produced, and 117 Registered Purveyors.

**Milk (Special Designations) Order, 1936.**

Number of Licences granted to retail Tuberculin Tested Milk	.....	.....	.....	.....	.....	4
Number of Licences granted to retail Pasteurised Milk						9
Number of Licenses to Pasteurised Milk	.....	.....				2
Number of Premises licenced for bottling Tuberculin Tested Milk	.....	.....	.....	.....	.....	5
Number of Farms where Tuberculin Tested Milk is produced	.....	.....	.....	.....	.....	2
Number of Farms where Accredited Milk is produced						2

### Number of Milk Samples taken in the Area for Bacteriological Examination.

Tuberculin Tested Milk (Certified)	.....	.....	.....	15
Pasteurised Milk	.....	.....	.....	7
Non-Graded Milk	.....	.....	.....	30
Reports received of Samples taken by County Police				20

### Number of Water Samples taken for Analysis.

Bacteriological	.....	.....	.....	.....	.....	2
Chemical	.....	.....	.....	.....	.....	2

**Diseased and Unsound Food destroyed during the Year 1938.**

			<i>Diseased or Unsound.</i>	<i>No. of Articles.</i>	<i>Weight in lbs.</i>
<i>Articles.</i>					
Beef	.....	.....	Diseased	15 Car- cases	7,555
Beef	.....	.....	Unsound	3 parts of	87
Pork	.....	.....	Diseased	2 Car- cases	189
Mutton	.....	.....	Diseased	1 Carcase	38
Offal	.....	.....	Diseased	—	7,564
Rabbits	.....	.....	Unsound	69	126
Ham	.....	.....	,,	—	19
Chef Roll	.....	.....	,,	—	7
Jellied Veal	.....	.....	,,	—	6
Tongue, Tins of	.....	.....	,,	7	21
Corned Beef, Tins of	.....	.....	,,	62	201
Brawn, Tins of	.....	.....	,,	4	4
Milk and Cream	.....	.....	,,	94	63
Tomatoes, Tins of	.....	.....	,,	209	549
Asparagus	.....	.....	,,	1	1
Apricots, Tins of	.....	.....	,,	16	39
Pears, Tins of	.....	.....	,,	20	51
Peaches, Tins of	.....	.....	,,	27	67
Plums, Tins of	.....	.....	,,	2	4
Pine-Apples, Tins of	.....	.....	,,	75	135
Raspberries, Tins of	.....	.....	,,	12	12
Oranges, Tins of	.....	.....	,,	15	15
Gooseberries, Tins of	.....	.....	,,	6	9
Black Currants, Tins of	.....	.....	,,	1	2
Strawberries, Tins of	.....	.....	,,	25	62
Peas, Tins of	.....	.....	,,	3	3
Fruit Salad, Tins of	.....	.....	,,	8	8
Jams and Marmalade	.....	.....	,,	16	29
Baked Beans, Tins of	.....	.....	,,	10	10
Sauce, Bottles of	.....	.....	,,	24	12
Meat Paste, Tins of	.....	.....	,,	10	2½

<i>Articles.</i>	<i>Diseased or Unsound.</i>	<i>No. of Articles.</i>	<i>Weight in lbs.</i>
Herrings, Tins of	..... Unsound .....	5 .....	6
Salmon, Tins of	..... „ .....	72 .....	72
Fish Paste, Tins of	..... „ .....	7 .....	2
Lobster, Tins of	..... „ .....	1 .....	1
Sardines, Tins of	..... „ .....	4 .....	2
Eggs .....	..... „ .....	30 .....	4
Sugar .....	..... „ .....	— .....	2
Meat Pies .....	..... „ .....	72 .....	18
Black Pudding .....	..... „ .....	— .....	4½
Pickles, Bottles of	..... „ .....	34 .....	70
Cereals, Packets of	..... „ .....	7 .....	7
Soup, Tins of .....	..... „ .....	9 .....	6
Cheese .....	..... „ .....	— .....	8
Jam Roll .....	..... „ .....	— .....	5
Total		978 .....	17,098
Tons.	Cwts.	Lbs.	
7	12	74	

### **Slaughter-Houses.**

There are seven slaughter-houses in the District, one leased by the Council as a Public Slaughter-house, and six licenced by private owners. Two of these are in disuse and another one used very rarely.

### **Slaughter of Animals Act, 1933.**

Number of Persons holding licences as Slaughtermen 20

**Carcases Inspected and Destroyed.**  
**Which were Slaughtered in the Area, 1938.**

	Cattle ex- cluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed (if known) ...	1157	298	1816	9717	1836
Number inspected ...	1150	298	1802	6622	1803
<b>All Diseases except Tuberculosis :—</b>					
Whole Carcases condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	107	65	—	78	87
Percentage of the number in spected affected with dis- ease other than Tubercul- osis .....	9.3	21.8	—	.86	4.83
<b>Tuberculosis only :—</b>					
Whole Carcases condemned.....	3	10	—	—	2
Carcases of which some part or organ was condemned	24	80	—	—	26
Percentage of the number in- spected affected with Tuber- culosis .....	2.34	30.3	—	—	1.54

Yours faithfully,

H. J. BROWN.



**HOUSING, 1938.****1. Inspection of Dwelling-Houses during the Year :—**

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .....	334
(b)	Number of Inspections made for the purpose .....	410
(2) (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 .....	245
(b)	Number of Inspections made for the purpose .....	290
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	1
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found to be in all respects reasonably fit for human habitation	244

**2. Remedy of Defects during the Year without Service of Formal Notices :—**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers .....	179
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HOUSING—*Continued.***3. Action under Statutory Powers during the Year :—**

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	.....	.....	.....	.....	Nil.
---	-------	-------	-------	-------	------

(2) Number of dwelling-houses which were rendered fit after service of formal notices :

(a) By Owners	.....	.....	.....	Nil.
---------------	-------	-------	-------	------

(b) By Local Authority in default of Owners	.....	.....	.....	.....	Nil.
---	-------	-------	-------	-------	------

(B) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	.....	65
--	-------	----

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By Owners	.....	.....	.....	.....	65
---------------	-------	-------	-------	-------	----

(b) By Local Authority in default of Owners	.....	.....	.....	.....	Nil.
---	-------	-------	-------	-------	------

HOUSING—*Continued.*(C) Proceedings under Section 11 and 13 of the  
Housing Act, 1936 :

- |   |      |
|---|------|
| (1) Number of dwelling-houses in respect<br>of which Demolition Orders were<br>made ..... | Nil. |
| (2) Number of dwelling-houses demolished<br>in pursuance of Demolition Orders .....       | Nil. |

(D) Proceedings under Section 12 of the  
Housing Act, 1936 :

- |   |      |
|---|------|
| (1) Number of separate tenements or<br>under-ground rooms in respect of<br>which Closing Orders were made .....   | Nil. |
| (2) Number of separate tenements or under-<br>ground rooms in respect of which<br>Closing Orders were determined, the<br>tenement or room having been<br>rendered fit ..... | Nil. |

4. **Housing Act, 1936.—Part IV.—Overcrowding :—**

- |  |     |
|--|-----|
| (a) (i.) Number of dwelling houses over-<br>crowded at the end of the year ..... | 30  |
| (ii.) Number of families dwelling therein .....                                  | 31  |
| (iii.) Number of persons dwelling therein .....                                  | 222 |

HOUSING—*Continued.*

(b)	Number of new cases of overcrowding reported during the year .....	2
(c) (i.)	Number of cases of overcrowding relieved during the year .....	2
(ii.)	Number of persons concerned in such cases .....	—
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps to abate the overcrowding .....	Nil.
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report .....	

The amount of overcrowding in this district is small, and has been further reduced this year.



# APPENDIX.

**APPENDIX.**  

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- 1.—Sanitary Legislature in force in the District.
- 2.—Causes of all Deaths during 1938 in the Gellygaer Urban District.
- 3.—Infantile Mortality Rates, 1938.
- 4.—Factories and Workshops Act, 1901.
- 5.—Common-Lodging-Houses in the District.
- 6.—Slaughter-Houses in the District.
- 7.—Surveyor's Report.
- 8.—Food and Drug Act.
- 9.—Laboratory Report.
- 10.—Index.



**Sanitary Legislature in force in the District.**

In addition to the Public Health Acts and General Sanitary Legislation, the following Acts and Bye-laws are in force in the District :—

- 1.—Infectious Diseases (Prevention) Act, 1890.
- 2.—The Gellygaer Act, 1920.
- 3.—The Gellygaer Act, 1935.

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**BYE-LAWS.**

- 1.—New Streets and Buildings.
- 2.—Nuisances.
- 3.—Household Refuse.
- 4.—Common Lodging-Houses.
- 5.—Slaughter-Houses.

**LOCAL STATISTICS.**

Population (Mid-year, 1938)	.....		366,60
		M.	F.
Live Births—Legitimate	.....	372	294
Illegitimate	.....	9	10
Still-Births—Legitimate	.....	17	20
Illegitimate	.....	2	1
Deaths :—			
All Causes	.....	256	191
1. Typhoid and Paratyphoid	.....	—	—
2. Measles	.....	—	—
3. Scarlet Fever	.....	—	1
4. Whooping Cough	.....	2	1
5. Diphtheria	.....	5	1
6. Influenza	.....	1	5
7. Encephalitis Lethargica	.....	—	—
8. Cerebro Spinal Fever	.....	1	1
9. Tuberculosis of Respiratory System	.....	20	12
10. Other Tubercular Diseases	.....	2	—
11. Syphilis	.....	3	—
12. General Paralysis of the Insane			
Tabes Dorsalis	.....	2	—
13. Cancer, Malignant Disease	.....	24	23
14. Diabetes	.....	2	4
15. Cerebral Haemorrhage, etc.	.....	14	8
16. Heart Disease	.....	56	48
17. Aneurysm	.....	—	—

LOCAL STATISTICS—*Continued.*

	M.	F.
18. Other Circulatory Diseases .....	11	5
19. Bronchitis .....	13	5
20. Pneumonia (all forms) .....	16	7
21. Other Respiratory Diseases .....	4	2
22. Peptic Ulcer .....	2	3
23. Diarrhoea, etc. (under 2 years) .....	2	2
24. Appendicitis .....	3	1
25. Cirrhosis of Liver .....	1	—
26. Other Diseases of Liver, etc. ....	2	1
27. Other Digestive Diseases .....	3	3
28. Acute and Chronic Nephritis .....	6	5
29. Puerperal Sepsis .....	—	1
30. Other Puerperal Causes .....	—	3
31. Congenital Debility, Premature Births, Malformation, etc. ....	8	7
32. Senility .....	15	11
33. Suicide .....	4	—
34. Other Violence .....	16	5
35. Other Defined Diseases .....	18	24
36. Causes ill-defined or unknown .....	—	2
Deaths of Infants under 1 year of age :—		
Legitimate .....	25	13
Illegitimate .....	—	—

## VITAL STATISTICS, 1938.

District.	BIRTHS.			DEATHS.		INFANT MORTALITY.	
	Population.	Number.	Rate per 1,000 population.	No. of Deaths.	Crude Rate per 1,000 population.	Deaths under 1 year.	Rate per 1,000 live births.
Administrative County	808,500	10,921	15.4	8,939	12.6	656	60
Urban Districts	529,600	8,233	15.5	6,886	13.0	511	62
Rural Districts	178,900	2,688	15.0	2,053	11.5	145	54
England and Wales	—	—	15.1	—	11.6	—	53
<b>Urban Districts :—</b>							
Aberdare	43,030	582	13.5	629	14.6	30	51
Barry	35,810	551	15.4	464	13.0	17	31
Bridgend	10,560	156	14.8	142	13.0	7	45
Caerphilly	32,180	557	17.3	417	13.0	37	66
Cowbridge	1,036	14	13.5	16	15.4	1	71
Gellygaer	36,660	685	18.7	447	12.2	38	55
Glyncorrwg	9,562	179	18.7	108	11.3	12	67
Llchwyr	25,720	386	15.0	290	11.3	22	57
Maesteg	22,440	411	18.3	279	12.4	36	88
Mountain Ash	33,700	568	16.8	434	12.9	26	46
Neath	31,480	468	14.9	378	12.0	28	60
Ogmore and Garw	23,860	405	17.0	276	11.6	20	49
Penarth	16,080	202	12.6	189	11.8	11	54
Pontypridd	38,610	551	14.3	529	13.7	48	87
Porthcawl	6,752	78	11.5	86	12.7	3	38
Porth Talbot	40,180	708	17.6	516	12.8	54	76
Rhondda	121,940	1,732	14.2	1,678	13.8	121	70
<b>Rural Districts :—</b>							
Cardiff	31,900	417	13.1	327	10.3	15	36
Cowbridge	10,450	182	17.4	150	14.4	9	49
Gower	10,400	138	13.3	117	11.3	7	51
Llantrisant and Llantwit Fardre	24,230	410	16.9	272	11.2	18	44
Neath	40,320	643	15.9	453	11.2	45	70
Pembont	27,660	462	16.7	321	11.6	27	58
Pontardawe	33,940	436	12.8	413	12.2	24	55

**Birth Rates, Death Rates, Analysis of Mortality, Maternal Death Rates, and Case Rates for certain Infectious Diseases in the year 1938.**

**England and Wales, London, 125 Great Towns and 148 Smaller Towns.**

(Provisional figures based on Weekly and Quarterly Returns).

	England and Wales.	125 County Boro's and Great Towns including London.	148 Smaller Towns (Resident Populat- ions 25,000 to 50,000 at 1931 Census.	London Adminis- trative County.
<b>Rates per 1,000 population.</b>				
<b>Births :—</b>				
Live .....	15.1	15.0	15.4	13.4
Still .....	.60	.65	.60	.48
<b>Deaths :—</b>				
All Causes .....	11.6	11.7	11.0	11.4
Typhoid and Para- typhoid fevers .....	.00	.00	.00	.00
Smallpox .....	.00	....	.00	....
Measles .....	.04	.65	.03	.06
Scarlet Fever .....	.01	.01	.01	.01
Whooping Cough .....	.03	.03	.02	.03
Diphtheria .....	.07	.07	.06	.05
Influenza .....	.11	.10	.11	.06
<b>Notifications :—</b>				
Smallpox .....	.00	.00	.00	—
Scarlet Fever .....	2.41	2.60	2.58	2.05
Diphtheria .....	1.58	1.85	1.53	1.90
Enteric Fever .....	.03	.03	.04	.05
Erysipelas .....	.40	.46	.39	.46
Pneumonia .....	1.10	1.28	0.98	0.98
<b>Rates per 1,000 Live Births.</b>				
Deaths under 1 year of age .....	53.	57.	51.	57.
Deaths from Diarrhoea and Enteritis under 2 years of age .....	5.5	7.8	3.6	13.1
<b>Maternal Mortality :—</b>				
Puerperal Sepsis .....	.89	Not available.		
Others .....	2.19			
Total .....	3.08			
<b>Rates per 1,000 Total Births, i.e. Live and Still</b>				
<b>Maternal Mortality :—</b>				
Puerperal Sepsis .....	.86	Not available.		
Others .....	2.11			
Total .....	2.97			
<b>Notifications :—</b>				
Puerperal Fever .....				3.53
Puerperal Pyrexia .....	14.42	18.08	12.51	15.46

## COMMON LODGING HOUSES

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<i>Situation of Premises.</i>		<i>Owner.</i>		<i>Registered Keeper.</i>
<hr/>				
Old Rock Inn	.....	Mr. M. Davies,	.....	Mr. T. Davies.
Pontlloctyn		Pontlloctyn.		
Premises at rear of				
Old Rock Inn,	.....	Mr. M. Davies,	.....	Mr. T. Davies.
Pontlloctyn		Pontlloctyn.		
Metropole No. 1,				
Bargoed.	.....	Mr. W. H. Bosanko.	.....	Mr. W. H. Bosanko
Metropole No. 2,				
Bargoed.	.....	Mr. W. H. Bosanko.	.....	Mr. W. H. Bosanko
Bedwlwyn Road,				
Ystrad Mynach,	.....	Mr. G. Gittins,	.....	Mr. Thos. Hall.
		Brynafon Terr.,		
		Hengoed.		

## OF THE DISTRICT.

---

<i>Type of House.</i>	<i>No. of Rooms.</i>	<i>No. of Beds.</i>	<i>Max. No. of Lodgers.</i>	<i>General Sanitary Condition.</i>
<hr/>				
Old Licensed Premises	8	8 Double Beds.	16	Good.
Old Cottages	4	30 Single Beds.	30	Good.
Modern	4	105 Single Beds.	105	Good.
Two Shops converted.	8	24 Single 10 Double Beds.	44	Good.
Modern	5	111 Single Beds.	111	Good.



## TABLE OF SLAUGHTER-HOUSES

<i>Situation.</i>	<i>Owner.</i>	<i>Occupier.</i>
1. Heol Evan Wynne, ..... Pontlottyn.	Mrs. Margt. Jones, Pontlottyn.	Council.
2. Lower Coedcae, ..... Tirphil.	J. John, ..... Elliot's Town, New Tredegar.	T. Clarke, 10 James St., New Tredegar.
3. Railway Terrace, ..... Fochriw.	Tom Matthews, ..... Railway Terr., Fochriw.	T. Matthews.
*4. Factory Road, ..... Bargoed.	Co-operative ..... Wholesale Soc., Bargoed.	Co-op Wholesale Soc., Bargoed.
5. Bedwlwyn Road, ..... Ystrad Mynach.	W. T. Watkins, ..... Ystrad Mynach.	W. T. Watkins.
6. Rear of High Street,..... Tielewis.	Mrs. Eliz. Evans, ..... Trelewis.	Mrs. Eliz. Evans, Trelewis.
*7. Moriah Road, ..... Bedlinog.	Daniel Davies, ..... Daniel Davies.	Daniel Davies.

# IN THE DISTRICT.

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<i>Licensed or Reg.</i>	<i>Type of Premises.</i>	<i>Proximity to Dwelling- Houses.</i>	<i>Water Supply.</i>	<i>General Sanitary Conditions.</i>
<hr/>				
Leased by Council .....	Small .....	Near .....	Public .....	Good.
			Main.	
Licensed .....	Old .....	Not near .....	Public .....	Good.
	Structure.		Main.	
Licensed .....	Very old .....	Near .....	Public .....	Fair.
	Structure.		Main.	
Licensed .....	Modern .....	Distant .....	Public .....	Good.
			Main.	
Licensed .....	Modern .....	Near .....	Public .....	Good.
			Main.	
Licensed .....	Modern .....	Distant .....	Private .....	Good.
			Supply.	
Licensed .....	Small .....	Very near. ....	Public .....	Poor.
			Main.	

\*Has not been in use during the year.

## FACTORIES AND WORKSHOPS ACT, 1901.

### Administration of the Act within the District during the Year 1938.

#### 1 — Inspection of Factories, Workshops and Workplaces.

<i>Premises.</i>	<i>In- spections.</i>	<i>Notices.</i>	<i>Prose- cutions.</i>
Factories .....	51 .....	Nil. ....	Nil.
Workshops .....	135 .....	2 .....	Nil.

#### 2.—Defects found in Factories, Workplaces and Workshops.

<i>Particulars.</i>	<i>Number of Defects.</i>			<i>Prose- cutions.</i>
	<i>Found.</i>	<i>Rem- edied.</i>	<i>Referred to H.M. In- spector.</i>	
Want of Cleanliness	1	1	Nil.	Nil.
Want of Light or Ventilation .....	1	1	Nil.	Nil.
Want of Sanitary Accommodation	Nil.	Nil.	Nil.	Nil.
Defective Water Closets .....	Nil.	Nil.	Nil.	Nil.

#### 3.—Cleansing and Limewashing Notices are sent at statu- tory periods as reminders to occupiers.

**FOOD AND DRUGS (ADULTERATION) ACT, 1928.**

The following samples were collected and submitted to the Additional Public Analyst, Cardiff, and County Public Health Laboratory, The Parade, Cardiff, for analysis, *viz.* :—

Milk	.....	.....	.....	.....	109
Boiled Sweets	.....	.....	.....	.....	4
Pepper	.....	.....	.....	.....	4
Fruit Cordials	.....	.....	.....	.....	6
Cider	.....	.....	.....	.....	4
Sausages	.....	.....	.....	.....	4
Vinegars	.....	.....	.....	.....	5
Jam	.....	.....	.....	.....	1
Biscuits	.....	.....	.....	.....	3
Sauce	.....	.....	.....	.....	3
Potted Paste	.....	.....	.....	.....	4
Tomato Sauce	.....	.....	.....	.....	1
Zinc Ointment	.....	.....	.....	.....	1
Boracic Ointment	.....	.....	.....	.....	1
Pudding Mixture	.....	.....	.....	.....	1
Custard Powder	.....	.....	.....	.....	1
Table Jelly	.....	.....	.....	.....	1
Fresh Cream	.....	.....	.....	.....	1
Sultanas	.....	.....	.....	.....	1
Preserved Ginger	.....	.....	.....	.....	1
Raisins	.....	.....	.....	.....	1
Mixed Spice	.....	.....	.....	.....	1
Rum	.....	.....	.....	.....	1
Whisky	.....	.....	.....	.....	1
Dried Apricots	.....	.....	.....	.....	2
Lemon Peel	.....	.....	.....	.....	1
Brandy	.....	.....	.....	.....	1
Gin	.....	.....	.....	.....	3
Dried Pears	.....	.....	.....	.....	1

FOOD AND DRUGS ACT—*Continued.*

The samples were certified genuine and equal to the required standard, with the following exceptions :—

Milk	.....	5% Deficient in Milk Fat.
Milk	.....	12% Deficient in Milk Fat.
Gin	.....	Contained 14.6% of added water. This was an informal sample and formal samples taken were found to be equal to the required standard.

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**CONTAGIOUS DISEASE OF ANIMALS ACT.**

I beg to report an outbreak of Foot and Mouth Disease occurred at Glan-y-Nant Smallholdings, Pengam, on 27th March, 1938, when a cross bred Sow kept at the Holdings and owned by Mr. Charles Weeks, Hanbury Road, Pengam, was found to be infected. The animal was inspected by the Officials of the Ministry of Agriculture and Fisheries and duly certified.

Restrictions were immediately put in force and Farmers etc., warned of the outbreak. An area of 15 miles of the infected place was declared to be a Foot and Mouth Disease Infected Area. 14 Pigs from the holdings were slaughtered and one Ram, 25 Ewes, and 24 Lambs from adjoining premises were also slaughtered.

Restriction notices were served on a number of persons in close proximity to the outbreak.

The restrictions were withdrawn on 18th April, 1938.

**POPULATION.**

No Police census of the population was taken during the year 1938.

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**LABORATORY REPORT.**

The following figures show the number of specimens and samples received during the year 1938 :—

Diphtheria	.....	.....	.....	.....	673
Blood—Enteric	.....	.....	.....	.....	1
Haem. Streptococci	.....	.....	.....	.....	1
Sputa	.....	.....	.....	.....	3
Cerebro Spinal Fluid		.....	.....	.....	1
Water—Bact.	.....	.....	.....	.....	1
Chem.	.....	.....	.....	.....	1
Bath Water—Bact.	.....	.....	.....	.....	1
Chem.	.....	.....	.....	.....	1
Milks—Graded	.....	.....	.....	.....	15
Ungraded	.....	.....	.....	.....	31
Glamorgan County Council	.....				6

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